

ITCC

October 12, 2016 – Room 438 - ITD



NORTH DAKOTA
INFORMATION
TECHNOLOGY
DEPARTMENT

Agenda

1:00	Update on EA Activity	Jeff Quast
1:20	Update on ITD Activity	Gary Vetter
1:40	Update on Agency Activities	Jeff Quast
1:50	NPAPI Browser Plugin	Chuck Picard
2:00	GIS Annual Report	Bob Nutsch
2:10	ND.GOV Portal Initiative	Cliff Heyne
2:20	Standards Review <ul style="list-style-type: none">• Acceptable Use of Electronic Communications Devices• E-Services Privacy• Email• Web Domain Items	Jeff Quast
2:55	Future Agenda Items	

EA Activity

Architecture Teams Recaps

- Security Architecture
 - October is Cyber Security Awareness month
 - Blocking of personal email was discussed
 - Briefly discussed Mobile Device Management and Application Support standards
- Data Architecture
 - Reviewed Waiver from JSND for the Document Management standard and recommended approval
 - Discussed the end of browser support for the NPAPI plugin (on agenda today)
 - Standards Reviewed
 - Document Management – minor changes pending
 - Electronic Data Backup – prompted discussion about Continuity of Operations
 - Record Migration – minor changes pending
 - Record of Postmark Date – no changes
 - Signature Demonstration Symbol – no changes

EA Activity

Architecture Teams Recaps

- Application Architecture
 - Waiver from Commerce for State Login ID for Digital Asset Management solution
 - Accessibility in Web Development standard
 - Scope/Meeting Schedule of Application Architecture team
- Technology Architecture (meets 10/13/16)
 - Microsoft Patching
 - Three standards to review
 - Desktop Application Suite
 - Desktop Management Suite
 - Server Operating Systems
- WSI Waiver for Security Awareness Training was approved. (30 responses!)

ITD Activity

- Brown Bag Lunch – Review
 - Captain Chesley B. "Sully" Sullenberger - "Miracle on the Hudson" Hero Pilot
- Upcoming Events
 - [Quarterly SMUG meeting](#), October 13, 2016, Brynhild Haugland, 9:30-11:00
 - [ManTech Security Audit Debriefing](#), October 13, 2016, Pioneer Room, 2:00-3:00
 - [IT Directional Meeting](#), October 20, 2016, Pioneer Room, 10:00-Noon
 - [Cyber Security Awareness Month](#), October, 2016
- Secure Content on ITD's website
- YouTube "state-friendly" terms

ITD Activity (SITAC Large Project Ranking)

Project Name	Sponsoring Agency	Estimated Cost	Total Points	Rank
General Funds				
Electronic Health Records	Dept. of Corrections	\$935,907 General	29	1
State Interoperable Radio Network	Information Technology Dept.	\$56,553,669 General + \$8,797,166 Special	30	2
E-Voting Tabulators	Office of the Secretary of State	\$9,000,000 General	39	3
Child Care Licensing System	Dept. of Human Services	\$3,000,000 General	42	4
E-Poll Books	Office of the Secretary of State	\$3,000,000 General	55	5
Federal Funds				
HIT - Care Coordination	ND Health Info. Network (ITD), DHS	\$40,800,000 Federal + \$7,200,000 Special	18	1
WIC EBT	Dept. of Health	\$1,739,220 Federal	30	2
NDFoods 2.0	Dept. of Public Instruction	\$2,267,371 Federal	36	3
Special Funds				
Real-ID	Dept. of Transportation	\$510,000 Special	31	1
CAPS Phase 3	Workforce Safety and Insurance	\$10,150,121 Special	41	2
UI Modernization	Job Service North Dakota	\$11,000,000 Special (no state dollars)	50	3
Drivers License Rewrite	Dept. of Transportation	\$11,585,000 Special	55	4
Trust Lands Replacement System	Dept. of Trust Lands	\$5,250,000 Special	67	5
Extranet	Workforce Safety and Insurance	\$1,050,660 Special	71	6
Traffic Data Editing and Analysis	Dept. of Transportation	\$1,074,000 Special	86	7
Oracle Reports Replacement	Workforce Safety and Insurance	\$535,000 Special	92	8

ITD Activity

- Enabling the ITD Service Desk to Unlock/Reset and Enable/Disable accounts across the enterprise
- Microsoft monthly patching update

Agency Activity

- Parks and Recreation is planning to procure a new Point of Sale (POS) solution
 - Any agencies using one today or purchase one recently?
 - Any feedback or lessons learned for P&R?
- DPI has incorporated an email header for external emails, and DOH and DHS are also working on adding it
- DOT is inserting a sentence as the first line in the body of each email that is not from a State ND.GOV email:
 - **CAUTION:** This email is not from a State ND.GOV source. Only click links or open attachments you know are safe.

Agency Activity

- Secretary of State is doing a mock election/load testing of their election system in mid October
- Job Service North Dakota updated its Mainframe hardware

PDF Forms and Browser Support

Fillable PDF's rely on NPAPI plug-in support to display in a browser

Browsers are withdrawing support for NPAPI plugins

- Chrome, Firefox (by 12/2016), Opera, and Edge offer no support

Fillable PDF's will also not work on mobile versions of Adobe Reader

Industry suggested solution – Convert Fillable PDF's to HTML forms

ITD working on Best Practices when using the enterprise design tool - Adobe AEM Designer/Workbench

- If an agency uses Adobe AEM, it will require a one-time profile setup per agency on the AEM server

GIS Program Report: Open Data

October 12, 2016



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Report Background

- Executive Order 2001-06
- Released September 2016
- Data
- Applications
- Training & Education
- Other activities
 - City boundary improvement
 - Open data
 - GIS website update

Open Data Basics

- Definition:
 - Human AND machine readable file format (e.g., HTML and XML)
 - Human AND machine interface (e.g., chart/map/table and API)
 - Re-use and redistribution terms defined
 - Universal participation (e.g., commercial and non-commercial)
- Benefit examples:
 - More efficient public services
 - Greater public & commercial use & re-use of government info
 - Guide the message with data stories as told by the provider
- Good resource
 - <http://opendatahandbook.org>

GIS & Open Data

- Replacement underway for existing GIS Hub Data Portal
- Replace existing functionality – first step!
- Additional capacity for data not in GIS format
- APIs are present for machine access to the data
- Agency data contributors can curate their own data
- Data: loaded or referenced
- Use data stories to tell the desired message
- Software as a Service

Hub Portal

[Home](#) / [Dataset](#)

Content Types

Dataset

Topics

Imagery & Base Maps (90)

Boundaries (85)

Environment (70)

Inland Waters (45)

Planning (35)

Location (32)

Elevation (31)

Farming (31)

Biota (26)

Health (25)

Applications (22)

Transportation (21)

Geoscientific (15)

Society (13)

Communication & Utilities (11)

Economy (7)

Structure (6)

297 results

Search

Sort by

Order


Search

Date changed

Descending

Apply

Reset




TIGER Roads 2016

[ND GIS Hub](#)
[Transportation](#)

The TIGER/Line shapefiles and related database files (.dbf) are an extract of selected geographic and cartographic information from the U.S.

[data](#) [rest](#) [csv](#)




Game and Fish Action Plan Focus Areas

[Game and Fish Department](#)
[Biota](#) [Boundaries](#) [Environment](#)

This data layer depicts North Dakota Game and Fish Department Wildlife Action Plan focus areas. Focus Areas typically exhibit unique or easily identifiable differences in vegetation, soils, topography, hydrology or land use.

[data](#) [rest](#) [csv](#)




Railroads

[Department of Transportation](#)
[Transportation](#)

[Home](#) / [Datasets](#) / [Incorporated City Boundaries](#)

View

Revisions





Incorporated City Boundaries


[Boundaries](#)

Incorporated and municipal areas within North Dakota.

Data and Resources

**Download Data**
Download data in the format and coordinate system of your choosing

**Web Services**
Esri REST with links to JSON, WMS, WFS, KML

**Data Table**
Tabular data of incorporated city boundaries in North Dakota

[Go to resource](#)

[ArcGIS Preview](#) [Go to resource](#)

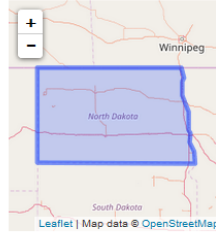
[Preview](#) [Download](#)

Dataset Info

These fields are compatible with DCAT, an RDF vocabulary designed to facilitate interoperability between data catalogs published on the Web.

Field	Value
Publisher	Department of Transportation
Author	Department of Transportation
Contact Name	Bieber, Brian
Contact Email	bbieber@nd.gov
Modified Date	2016-09-23
Release Date	2015-10-28
Identifier	fcd853d1-b3f5-4f8e-b8db-27808c7a1391
Temporal Coverage	2016-09-19
License	Creative Commons Attribution
Granularity	1:24000
Public Access Level	Public

Data Extent



License

Creative Commons Attribution

[OPEN DATA](#)

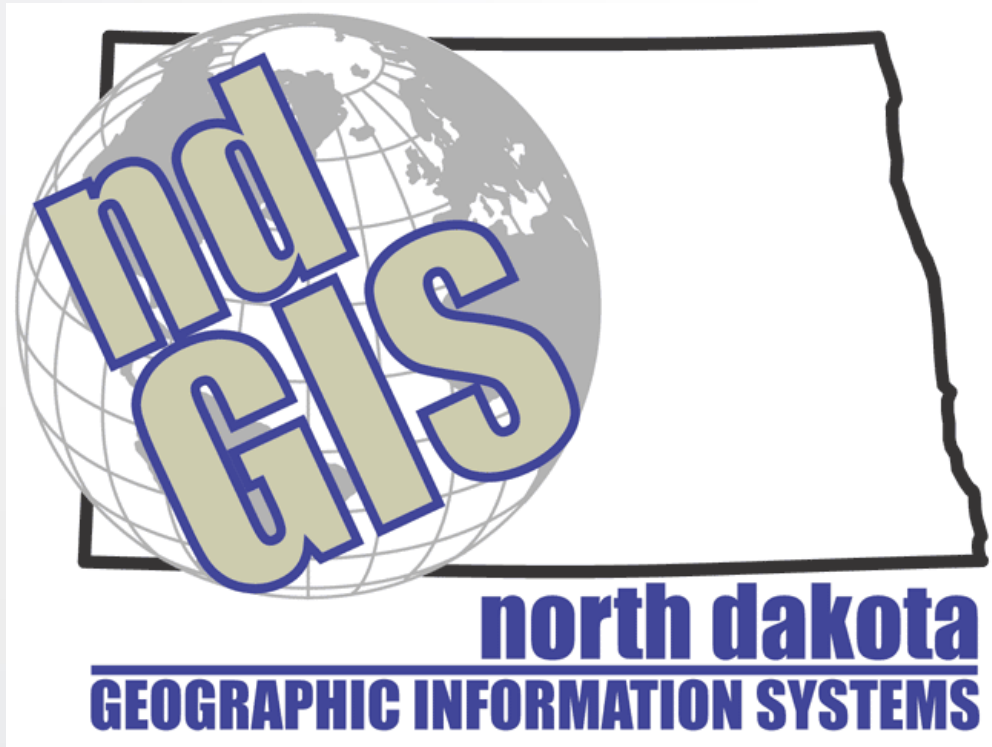
Other Access

The information on this page (the dataset metadata) is also available in these formats.

[JSON](#) [RDF](#)

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Thank You!



[The full report](#) is available on ITD's web site.

Bob Nutsch, GIS Coordinator
701-328-3212
bnutsch@nd.gov
Twitter: @BobNutsch
www.nd.gov/gis

ND.GOV Portal

- 1) Modernize the State Portal (www.nd.gov) by reorganizing, retheming, and rewriting the site on a new technology platform.
- 2) Create a website development framework that provides a low cost, quick to deploy content management system (CMS) website offering; facilitates enterprise reuse; and utilizes an efficient, repeatable maintenance approach.
- 3) Research website hosting solutions to improve site availability.

ITCC Standards Review

- [Acceptable Use of Electronic Communication Devices](#)
- [E-Services Privacy](#)
- [Email](#)
- [Web Domain Name](#)



THANK YOU

Visit us at ***www.ND.gov/ITD***